NPIC/R-5100/64
December 1964

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PHOTOGRAPHIC INTERPRETATION REPORT

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5 Pages

GUBA LITSA PROBABLE NAVAL MISSILE STORAGE FACILITY, USSR

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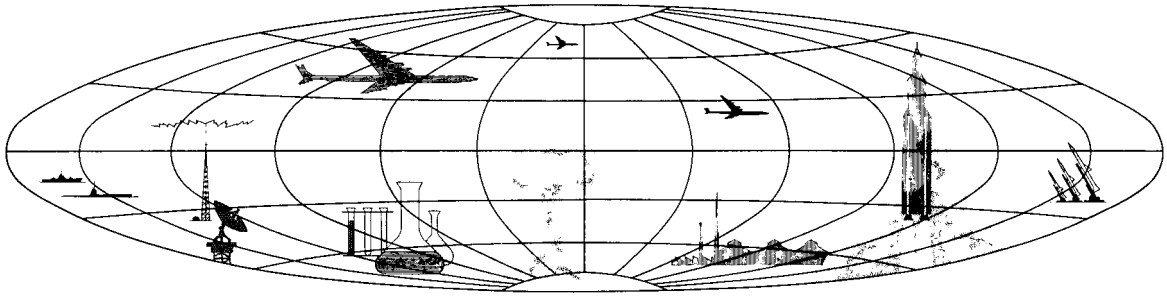
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GUBA LITSA PROBABLE NAVAL MISSILE STORAGE FACILITY, USSR

SUMMARY

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The Guba Litsa Probable Naval Missile Storage Facility is a component of the Guba Litsa Submarine Base and probably provides forward base storage for both cruise missile and ballistic missile submarines. Good-quality photography of [redacted] permits the identification of features of the facility which were not discernible on previous coverage. Major portions of the facility are operational although some construction is still in progress.

DESCRIPTION OF FACILITY

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The Guba Litsa Probable Naval Missile Storage Facility [redacted]* is located at 69-23-20N 32-26-30E, 2 nautical miles (nm) south of Guba Zapadnaya Litsa (West Bay of Litsa) and approximately 30 nm north-northwest of Murmansk, USSR (Figure 1). The facility is a component of the Guba Litsa

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Submarine Base [redacted] on the shore of the bay and probably provides forward base storage for submarines carrying both cruise and ballistic missiles; both types of submarines have been observed regularly at this base. 1/

Previous reports 2/ 3/ were based on poor- to fair-quality photography which precluded the identification of several significant features clearly discernible on the most recent coverage. When first seen on photography of

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[redacted] the facility was in the early stages

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of construction; in [redacted] it appeared to be

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in the late to final stages of construction. Photography of [redacted] (Figure 2) revealed that major portions of the facility were operational at that time; partial earth-mounding of one structure and ground scarring, however, indicated that construction was continuing in some portions of the facility.

The Probable Naval Missile Storage Facility consists of two adjoining secured areas served by a short access road which branches from the main road from the Submarine Base; the main road also serves the Barracks/Administration Area, described in a previous report, 2/ and continues toward Murmansk (Figure 2). The southern secured section of the facility is the Storage and Checkout Area, and the northern secured section is designated as the Suspect Warhead Storage Area. An alternate possibility for future warhead storage would be the extreme southern portion of the facility near the building identified as Item 6 on Figure 2.

Dimensions of significant items at the facility are given in Table 1 which is keyed to Figure 2. The probable sizes of the covered structures were derived from measurements of the width of the entrances and an analysis of previous photography.

STORAGE AND CHECKOUT AREA

The Storage and Checkout Area is secured by a fence and a guardhouse at the main entrance. The area contains 2 smaller walled sections, 2 loop roads, and a total of 16 buildings, some

*These targets have previously been listed as "Litsa Bay" in both the Bombing Encyclopedia and NPIC reports. However, this body of water is listed as Guba Zapadnaya Litsa by the US Board on Geographic Names as published in the NIS Gazetteer of the USSR. This Gazetteer also lists the name Guba Vostochnaya Litsa (East Bay of Litsa) at coordinates 68-38N 37-48E.

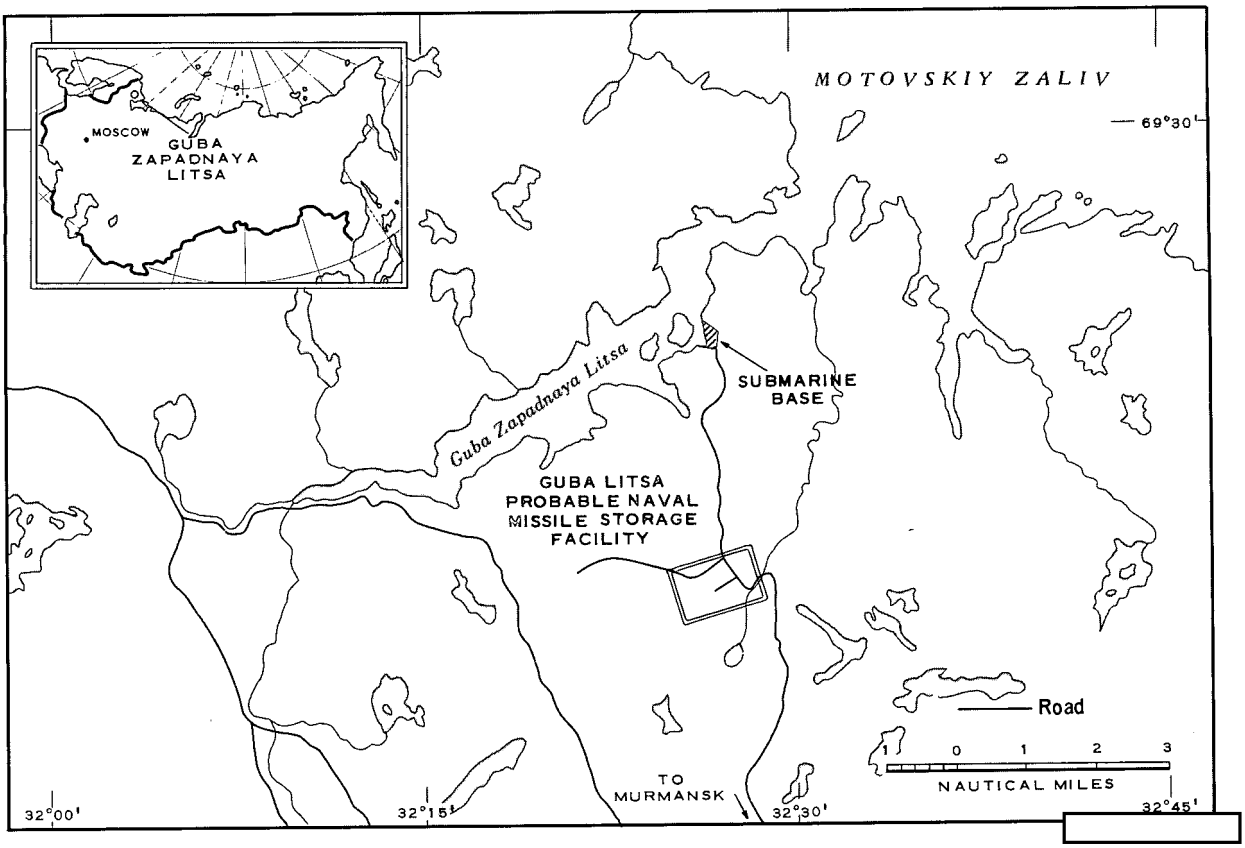

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FIGURE 1. LOCATION OF GUBA LITSA PROBABLE NAVAL MISSILE STORAGE FACILITY, USSR.

Table 1. Significant Items at Guba Litsa Probable Naval Missile Storage Facility (Item numbers are keyed to Figure 2)

Item	Description	Dimensions (ft)
1	Drive-in buildings; earth-covered (2)	
	Overall outside dimensions	300 x 125
	Probable size of covered structure	220 x 40
2	Drive-through buildings; earth-covered (2)	
	Overall outside dimensions	285 x 120
	Probable size of covered structure	230 x 30
3, 4	Drive-in buildings; earth-covered (2)	
	Overall outside dimensions	275 x 60
	Probable size of covered structure	220 x 30
5	Drive-in building; arch-roofed; partially earth-mounded	290 x 35
6	Building; possibly arch-roofed	85 x 25
7	Drive-in building; possibly earth-covered	
	Overall outside dimensions	235 x 45
	Probable size of covered structure	180 x 30
8	Building; gable-roofed	55 x 45
9	Buildings; possibly arch-roofed (4)	
		45 x 30
		100 x 30
		105 x 30
		125 x 30
10	Upper structure	40 x 40
	Earth mound	100 x 70
11	Earth-mounded structure	90 x 60

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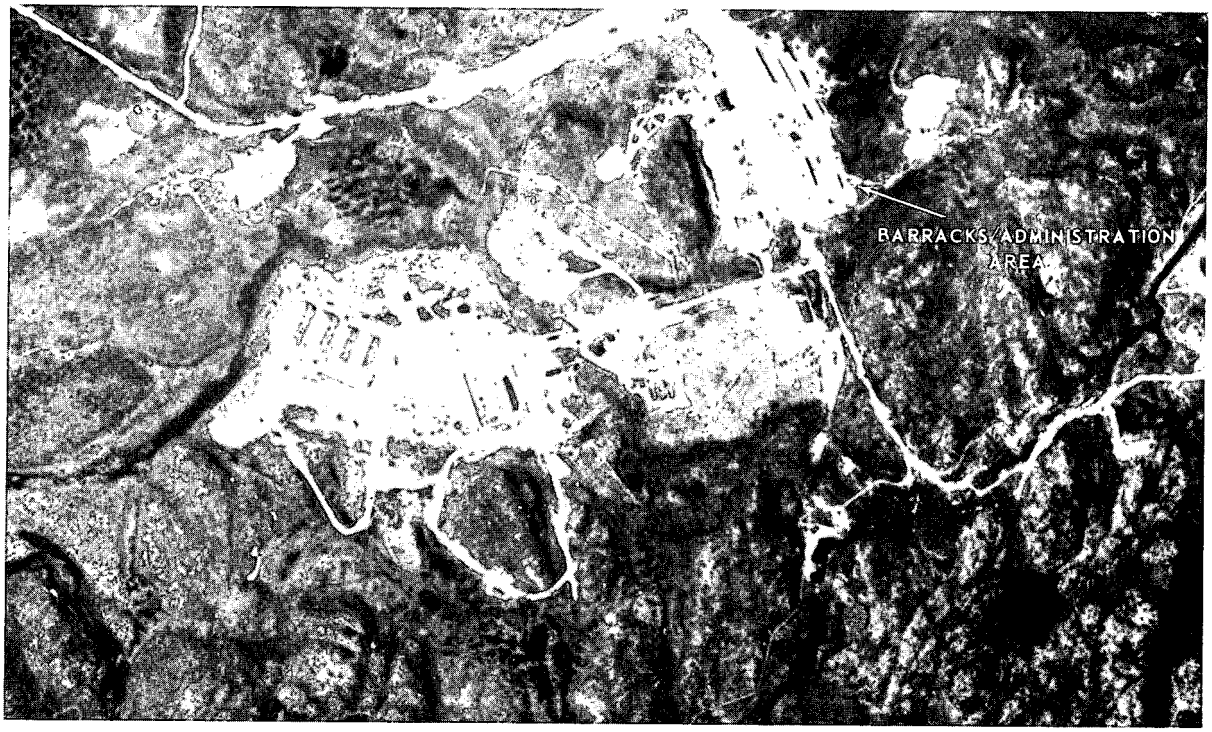

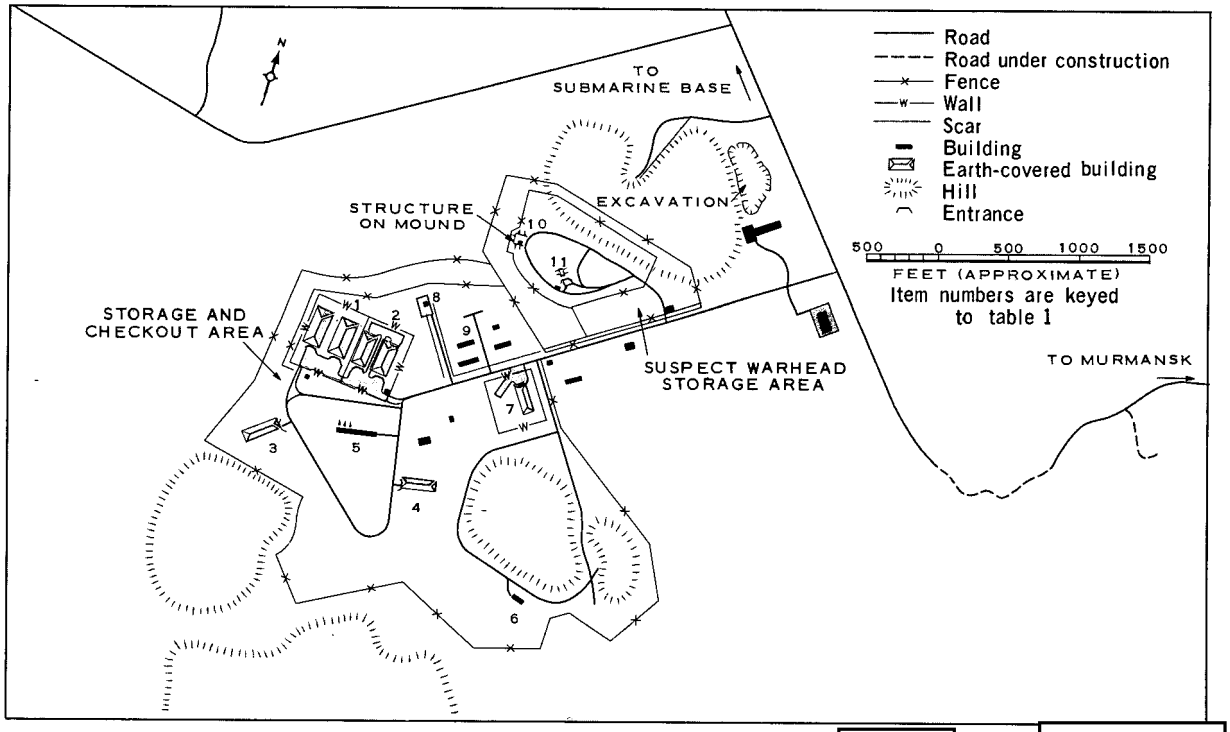

FIGURE 2. PROBABLE NAVAL MISSILE STORAGE FACILITY

of which are earth covered or being earth covered.

The larger walled section is further divided, roughly in half, by an inner wall added between 25X1D [redacted] Otherwise, the 25X1D section was essentially complete [redacted] The western half contains two parallel earth-covered drive-in storage buildings (item 1, Figure 2) with a wide service apron in front of both buildings. A guardhouse is immediately outside the wall at the main entrance to this half; a second entrance leads through the inner wall to the adjoining eastern half. Within the eastern half are two slightly smaller parallel earth-covered storage buildings (item 2); these buildings have a drive-through capability with wide service and parking aprons at both ends. The front and rear aprons are connected by a road between the buildings. The guardhouse serving the main entrance to this half is located inside the wall. Both of these adjoining storage sections are operational; numerous small vehicles/equipment were scattered throughout both 25X1D halves at the time of the [redacted]

A loop road opposite the entrances to the divided walled section serves three dispersed drive-in storage buildings (items 3, 4, and 5); two of these (items 3 and 4) are earth covered, 25X1D probably since [redacted] Item 3 appears to be complete and may be operational; Item 4 also appears to be complete, but the service road may still be under construction. Item 5 is in 25X1D the late stages of construction and in [redacted] consisted of an arch-roofed structure which had been partially earth mounded on one side; the service road was incomplete.

The second walled section is just inside the entrance to the Storage and Checkout Area on the eastern side. The section contains a drive-in storage building (item 7) which may be earth covered. A wide apron and a turning wye increase the functional capability of the building and/or provide parking and inspection facilities. The building appears to be operational; at the time of the [redacted] photography numerous small vehicles/equipment were parked inside the wall. 25X

Adjoining the second walled section is a loop road in the late stages of construction which circles a knoll in the southeast portion of the area. Only one small building (item 6) is visible near this road; however, several points along the road appear to be suitable sites for bunkers or underground storage.

A small gable-roofed building (item 8) on an apron in the northern part of the Storage and Checkout Area is 300 feet from the nearest building. Scars or traces of a suspect pipeline lead from this building south to the access road. Four buildings nearby (item 9) are possibly arch-roofed storage buildings. Earth scarring around these buildings and a facing wider than the building itself at the entrance to one of these may indicate that they will be earth covered or earth mounded.

A flat-roofed building immediately outside the security fence appears to be an administration/support structure for the probable missile storage facility. Two other buildings outside the fence are located near the east end of the access road, but they may not be associated with the facility.

SUSPECT WARHEAD STORAGE AREA

The Suspect Warhead Storage Area is along the northwest side of the access road to the Storage and Checkout Area. It is secured by a double fence with a guardhouse at the entrance. Within the area are two structures adjacent to a loop road; a short road bisects the loop.

A small structure (item 10, Figure 2) is built on a flat-topped mound; the top of the mound is level with the surface of the road. This mound could conceal a buried structure which

would be entered through the small structure on top of the mound.

An earth-mounded structure (item 11) is built on an apron cut into a hillside. This structure, possibly two adjoining structures, extends back to the hill and may continue under ground. A small building is located near the entrance to Item 11.

REFERENCES

MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0051-18HL, 3d ed, Apr 63, scale 1:200,000 (SECRET)

DIA. US Air Target Mosaic, Series 50, Sheet 0051-18/5MA, 1st ed, Jul 63, scale 1:50,000 (SECRET/

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ACIC. US Air Target Chart, Series 100, Sheet 0051-9999-1-100A, 2d ed, May 56, scale 1:100,000 (CONFIDENTIAL)

DOCUMENTS

1. NPIC. R-497/64, *OAK - Part I,* (TOP SECRET
2. NPIC. R-263/64, *Litsa Bay Submarine Base, Litsa Bay, USSR,* May 64 (TOP SECRET
3. NPIC. R-233/63, *Probable Naval Missile Storage Facility, Litsa Bay, USSR,* Sep 63 (TOP SECRET

REQUIREMENT

NPIC PROJECT

N-857/64 (partial answer)

Approved For Release 2003/09/02 : CIA-RDP78B04560A004300010015-5
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